

MARKED-UP VERSION OF CURRENTLY AMENDED CLAIMS

2. The ullage meter of Claim [1] 8 in which the coating is painted on said container.
3. The ullage meter of Claim [1] 8 in which the coating is a film applied to the surface of said container.
- 5 4. The ullage meter of Claim [1] 8 in which said distinct areas are organized in groups, each group corresponding to a pre-determined final temperature for the tank.
5. The ullage meter of Claim [1] 8 in which the indicating numbers are percentages of the gas that would be available compared to that of a filled, cooled tank at the same pressure.
6. The ullage meter of Claim [1] 8 in which the indicating numbers are units of pressure to which
10 a warm, filled tank will drop upon cooling to a particular temperature.
7. An ullage meter for a container of freshly compressed gas comprising:
an indicating meter sensitive to the temperature of said compressed gas, said meter having means to indicate the future ullage in said container [based on common gas laws] once said container has equilibrated to a particular temperature.
- 15 8. An ullage meter for a container of compressed gas using a color-changing coating on said container outer wall, said coating being formed in distinct areas, each area sensitive to a particular color-changing temperature while said particular temperature prevails, each area having a number imprinted within it, said number being made visible by said color charging, comprising:
-20 said number defining the future ullage in said container once it shall have cooled to a particular temperature,
said prevailing temperature and said particular cooled temperature defining ullage at said prevailing temperature relative to said cooled temperature [as determined by calculations using the physical principles of common gas laws].
- 25 Note: We would agree in case the Examiner wishes to make an amendment omitting lines 22, 23, and 24 of Claim 8.

CLEAN VERSION OF ALL PENDING CLAIMS

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2. The ullage meter of Claim 8 in which the coating is painted on said container.
3. The ullage meter of Claim 8 in which the coating is a film applied to the surface of said container.
4. The ullage meter of Claim 8 in which said distinct areas are organized in groups, each group
- 10 corresponding to a pre-determined final temperature for the tank.
5. The ullage meter of Claim 8 in which the indicating numbers are percentages of the gas that would be available compared to that of a filled, cooled tank at the same pressure.
6. The ullage meter of Claim 8 in which the indicating numbers are units of pressure to which a warm, filled tank will drop upon cooling to a particular temperature.

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7. An ullage meter for a container of freshly compressed gas comprising:
an indicating meter sensitive to the temperature of said compressed gas, said meter having means to indicate the ullage in said container once said container has equilibrated to a particular temperature.

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8. An ullage meter for a container of compressed gas using a color-changing coating on said container outer wall, said coating being formed in distinct areas, each area sensitive to a particular color-changing temperature while said particular temperature prevails, each area having a number imprinted within it, said number being made visible by said color changing, comprising:

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said number defining the future ullage in said container once it shall have cooled to a particular temperature,

said prevailing temperature and said particular cooled temperature defining ullage at said prevailing temperature relative to said cooled temperature.